



**DEPARTMENT OF TOXIC SUBSTANCES CONTROL
REGISTERED ENVIRONMENTAL ASSESSOR
(REA) NEWSLETTER
November and December 2010**

Hello REAs!

In this quarterly issue of the REA E-News, the California Department of Toxic Substances Control (DTSC) features news, useful Web sites, training and information on upcoming events.

We want to hear from you! Please contact us with any comments or ideas you have about the REA E-News (what you like and do not like), the REA Program in general, or suggestions on how we can better assist you. Your input is very important to us and we hope you will let us know how we are doing by completing our survey online at the link below.

Survey Link:

<http://www.surveymkey.com/s.cfm?SID=6D4AFF43-FF9E-87C0-4BA41DB83A4DDF51>

Please remember to verify your contact information and update us with any changes at [REA Online Update Form](#) or send changes to REA_Mailbox@dtsc.ca.gov

Please Note: REA Program does not participate in Facebook or LinkedIn internet connections. The Program is short staffed and the internet is time consuming.

Note: We use Pacific Time for upcoming events.

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**DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC)**

**5th BioNanoTox and Applications Research Conference:** To improve health, scientific discoveries must be translated into pragmatic applications. BioNanoTox, an interdisciplinary Conference of fundamental and translational research, allows participants to generate interactions between disciplines. Conference held November 4 - 5 at the Peabody Hotel in Little Rock, AR. For more information visit the web site below:

Web site: <http://sites.google.com/site/bntconference/>

**NanoKAP 2010 Symposium:** This is a special one-day symposium devoted to utilizing nanotechnology for detection of toxins and pathogens and is conveniently timed with Detection Technologies. NanoKAP will help bridge the gap between developers of various nanotechnologies and those already active in the important field of chemical & biological threat detection, diagnostics, and identification. Symposium held November 8.

**Detection Technologies 2010:** This conference will cover the new developments in identification of microorganisms and chemicals. The conference will be held November 9 -10 following the NanoKAP 2010 conference. Both conferences held at the Sheraton National Hotel, 900 South Orme Street, Arlington, VA, USA.

For more information on Both conferences visit the web site below:

Web site: [http://www.knowledgefoundation.com/viewevents.php?event\\_id=239&act=evt#oid](http://www.knowledgefoundation.com/viewevents.php?event_id=239&act=evt#oid)

**International Conference on Biomolecular Engineering:** How can biomolecular engineering address grand challenges in healthcare and the environment? The meeting brings together researchers using quantitative approaches to advance the understanding and application of biology at the molecular level. These approaches are contributing to the development of analytical, diagnostic, and therapeutic strategies that are directly relevant to public health. The meeting will also stimulate efforts to integrate these approaches across the molecular, cellular, and higher scales of biological complexity in a single-track Gordon-style conference format that includes hotel accommodations and most meals. Conference held January 16-19, 2011 at the Grand Hyatt San Francisco in San Francisco, CA. [Register online](#)

Web site: [SBE's 3rd International Conference on Biomolecular Engineering](#)

**DTSC Events Calendar:** Click on the link below and select an event type to find dates, times, and links to additional information on events.

Web site: [DTSC Calendar](#)

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CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY (CAL/EPA)

Basic Inspector Course: Classroom [CST109]: This introductory course is designed for new federal, state, local, and tribal environmental inspectors and meets the training requirement under EPA Order 3500.1. The course provides an overview of all aspects of inspection preparation, conduct, follow-up and introduces various federal environmental laws and regulations. Class held November 30 - December 2 at the NETI Headquarters, Room 6226 ARS, 1200 Pennsylvania Avenue, NW, Ariel Rios Building, Washington, DC 20460, Phone: 202-564-6074. Contact: Alice Mims, mims.alice@epa.gov or call 202-564-6069. [Register](#)

New Source Review Permitting and Enforcement Workshop [AIR115]: US EPA's Office of Enforcement and Compliance Assistance (OECA) has been conducting workshops for States and EPA offices to raise awareness of recent national NSR permitting regulatory changes and Court cases. The workshops address how enforcement and permitting programs can work together to ensure that environmental results of permitting and enforcement actions are achieved. Workshop includes a combination of presentations from federal and state and local agencies and discussions. Workshop held November 9 - 10 at U.S. EPA Region 1, Conference Room 1529, Ct Rm 6, 5 Post Office Square, Boston, MA 02109-3912. Phone: 617-918-1204. Contact Sandra Schwartz at schwartz.sandra@epa.gov or call 617-918-1204. [Register](#)

For information on courses offered in the upcoming months visit the web site below.

Web site: [Course Schedule](#)

Live Cal/EPA Webcast upcoming meetings and workshops: [Cal/EPA Live Webcast](#)

Cal/EPA Environmental Complaint Form: If you have observed an activity, physical evidence of an activity, or have knowledge of what you think may be a possible illegal act or unauthorized release in California that has caused harm or damage to human health or environment, Cal/EPA wants to know about it. Use the Environmental Complaint Form in the link below to file a complaint with Cal/EPA.

Web site: [Cal/EPA Complaint Form](#)

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## **STATE WATER RESOURCES CONTROL BOARD (SWRCB) & REGIONAL WATER QUALITY CONTROL BOARDS (RWQCBs)**

**The 2010 CASQA Stormwater Conference:** Welcome to the stormwater oasis in the desert, the theme for this year's conference is: "Rethinking Stormwater: Creative Solutions to Complex Problems." The conference will offer a full program of training workshops, presentations, and exhibits for holders of municipal, industrial, and construction NPDES stormwater permits. The conference will take place at the [Westin Mission Hills](#) located at 71333 Dinah Shore Drive, Rancho Mirage, 92270 on November 1 - 3. Click [here](#) for map and transportation information. [Register Now!](#)

**The 5<sup>th</sup> International Conference on Scour and Erosion (ICSE):** The ICSE has become a respected event in the technical conference calendar for engineers, scientists, decision makers and administrators providing services in the areas of scour and erosion. Its importance and reputation was established by the technical successes of the first four conferences. Conference held in San Francisco November 7 - 10. For more information and to register visit the web site below.

Web site: [5th International Conference on Scour & Erosion](#)

**Introduction to Water/Wastewater Operations:** The introduction to water/wastewater operations is a 36 hour course designed to provide the basic skills and knowledge needed to advance in this industry. This course will provide an overview of water and wastewater treatment processes and distribution systems as well as terminology and equipment used in the industries. Regulations, licensing and the certification process will be discussed as part of this course. Course held November 3 at Gavilan College City of Watsonville - Education Trailer, 500 Clearwater Lane, Watsonville CA 95076. Phone: (408) 852-2801.

### **More Information:**

<http://www.cwea.org/conferences/2010/Brochure%20WaterWW%20Operations%208-10.pdf>

**Fundamentals of Supervision for the Water Industry:** Fundamentals of Supervision for the Water Industry is a four-week, 10-hour class designed to provide knowledge and skills you need to be a successful supervisor. This course has been approved for contact hours through the CADPH and CWEA. Course held November 8, at the Gavilan College - Morgan Hill Campus, Room 3, 17060 Monterey Rd, Morgan Hill CA 95037. Email: [408-852-2801](mailto:408-852-2801)

**RCAC: Water Conservation, Water Audits and Leak Detection:** Effective water conservation requires a coordinated effort between the water system and the water users. Learn methods for controlling water losses in your system, as well as methods for promoting wise water use among your customers and how to find existing leaks to control water losses. This workshop will help you understand how and where water disappears before reaching your customers and the steps to take now to minimize it. Space is limited to 45 participants. Course held December 1 at the Temecula Creek Inn, 44501 Rainbow Canyon Rd, Temecula, CA and December 2 at The Dana on Mission Bay, 1710 West Mission Bay Drive, San Diego, CA. Time 8 A.M. to 3:30 P.M. [Register here](#)

For information on upcoming conferences: [www.cwea.org/conferences](http://www.cwea.org/conferences).

For information on CWEA events: <http://www.cwea.org/> or <http://wordpress.cwea.org/>

**Online Stormwater BMP Courses:** Office of Water Program (OWP) is now offering new courses based on the Stormwater Best Management Practice (BMP) Handbooks. Each course consists of two components, the CASQA BMP Handbook and course enrollment. Enrollment includes a study guide on CD-ROM, and access to the final exam. Two continuing education units (CEUs) will be awarded for passing each final exam. A certificate will be issued for each completed course.

Online Stormwater BMP Courses Web site: [Office of Water Programs](#)

For information on SWRCB and RWQCB meetings and activities, visit the web site below.

Web site: [http://www.waterboards.ca.gov/board\\_info/agendas/](http://www.waterboards.ca.gov/board_info/agendas/)

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AIR RESOURCES BOARD (ARB)

Course #246: Aggregate, Asphalt, & Concrete Batching Operations: This two-day course will provide an overview and discussion of the processes commonly seen at sand and gravel operations, concrete batching operations, and hot mix asphalt (HMA) operations. Processes such as quarrying, sizing of quarried material; sorting, stockpiling, and transfer of aggregate products will be discussed in the aggregate section of this class. Concrete batching issues such as dust abatement and the flow of aggregate and cement materials will also be discussed. Course includes a field trip to a local aggregate/concrete/HMA facility to observe the process in-person, and affords an opportunity for students to interact with facility operators. Dates and register: [11/09/2010 - 11/10/2010](#)

Course #375: Smoke Management Training Workshop: This two-day workshop will emphasize the importance of proper smoke management and its impact on dispersion. Speakers will include representatives of CARB, EPA Region IX, air pollution control districts, and National Parks and Forest Service. Specific topics will focus on meteorology, laws and regulations of prescribed burns, fuel consumption and combustion and emission calculations, weather and smoke dispersion, smoke management plans, public notification and health

effects, and federal policy on wild land and prescribed fires, and an overview of Title 17. More information on this topic is available from ARB's [Smoke Management Program](#). Dates and register: [11/16/2010 - 11/17/2010](#)

Course #100: Fundamentals of Enforcement: This course provides the opportunity for Visible Emissions Evaluation certification in accordance with USEPA Method 9. VEE certification is valid for six months.

Note: Completion of Course #100 Fundamental of Enforcement is required for anyone who seeks VEE certification or recertification from the California Air Resources Board. This three-day course is a basic overview of air pollution emphasizing visible emissions evaluation. Participants will be trained to perform EPA Method 9 for reading visible emissions and will have the opportunity to obtain visible emissions evaluation certification. This certification is valid for six months and must be renewed by attending [Course #100.1](#) (Day Recertification) and [Course #100.2](#) (Night Recertification). Additional topics include air pollution and its effects, meteorology, water vapor plumes, air pollution law, inspection procedures and diesel smoke enforcement. [Online Registration](#)

Web site: [Air Pollution Seminar Series](#)

For more information on ARB classes, training, and workshops visit the web sites below.

Web site: [ARB Training](#) ARB [Courses](#)

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## DEPARTMENT OF PESTICIDE REGULATION (DPR)

**Pesticide Registration and Evaluation Committee (PREC)** - Sierra Hearing Room, 10 A.M. to 12 P.M. Coordinator: Amy Duran [aduran@cdpr.ca.gov](mailto:aduran@cdpr.ca.gov) November 9, December 16 & January 21, 2011.

\*\*All meetings take place at the Cal/EPA Building, 1001 I Street, Sacramento, CA. Please check dates ten days before meetings to confirm. Go to [Cal/EPA Live Webcasts](#) for technical requirements and links.

Agendas are available about 10 days before the meeting date: [Agricultural Pest Control Advisory Committee \(APCAC\)](#), [Pest Management Advisory Committee \(PMAC\)](#), [Pesticide Registration and Evaluation Committee \(PREC\)](#), and [Air Monitoring Network](#)

DPR plans to set up a monitoring network to sample ambient air for multiple pesticides in several communities on a regular schedule, over the next five or more years. DPR will use data gathered to evaluate and improve protective measures against pesticide exposure. Public comments are requested on project objectives, pesticides to monitor, sampling plan and communities to monitor.

Comments will be accepted by e-mail at [airnetwork@cdpr.ca.gov](mailto:airnetwork@cdpr.ca.gov).

To find out what's new with DPR, please visit the web site: [What's New?](#)

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DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY (CALRECYCLE)

Discussion of Revising the Five-Year Tire Plan for FY 2011/12 - 2015/16: Senate Bill 876 requires CalRecycle to update the Five-Year Plan for the Waste Tire Recycling Management Program every two years. At the workshop staff will present a draft plan that contains the proposed activities and budgets for FYs 2011/12-2015/16. Staff seeks input from stakeholders on the proposed activities and budgets and any other ideas that stakeholders would like to present. The full version of the draft plan that contains program status, objectives, performance measures, activities, budgets and appendices will be presented during a CalRecycle workshop tentatively scheduled to be held in March 2011. Workshop held November 8 1 P.M. to 4 P.M. Contact: Sally French at (916) 341-6432 or Sally.French@CalRecycle.ca.gov Open to the Public*

Waste Compliance and Mitigation Program Monthly Public Meeting: These meetings will include: status of permits under consideration, an update on ongoing projects within the Waste Compliance and Mitigation Program and an opportunity for public comment on activities in general. Meeting dates November 8 and December 13 from 10 A.M. to 5 P.M. Contact: [Lynn Smith](#) Phone: (916) 341-6364. Open to the Public. *

Materials Management and Local Assistance Program Monthly Public Meeting: Meetings will include 1) a review of pending decisions to be made within the following 30-60 days; 2) an update on ongoing projects and other work activities currently underway; and 3) an opportunity for public comment on activities in general. Meeting dates November 10 and December 12 from 10 A.M. to 5 P.M. Contact: [Monica Rodriguez](#) Phone: (916) 341-6500. Open to the public. *

*All meetings take place at the Cal/EPA Building, 1001 I Street, Sacramento, CA.

For more information on events visit the web site at: [CalRecycle Calendar](#)

LEA Training, <http://www.calrecycle.ca.gov/LEA/Training/>

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## OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT (OEHHA)

**Regulations Update:** Cal/EPA Headquarters, Sierra Hearing Room, 10 A.M. to 12 P.M.  
Coordinator: Monet Vela [mvela@oehha.ca.gov](mailto:mvela@oehha.ca.gov) January 6, 2011

\*All meetings take place at the Cal/EPA Building, 1001 I Street, Sacramento, CA.

**Notice Is Hereby Given** that the Office of Environmental Health Hazard Assessment (OEHHA) proposes to add a qualifier "oral" to a specific regulatory level having no observable effect for cadmium and amend Title 27, California Code of Regulations, Section 25805.  
[Download this notice as a pdf file here](#)



A complete, updated [Proposition 65 list is available for download as a pdf file here.](#)

Web site: [Proposition 65](#)

OEHHA News and Information Web site: [www.oehha.ca.gov](http://www.oehha.ca.gov).

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## OTHER EVENTS, NEWS & TRAINING

### CA ENVIRONMENTAL EDUCATION INTERAGENCY NETWORK (CEEIN)

**Green Festival San Francisco:** Welcome to the San Francisco Green Festival®, a joint project of [Global Exchange](#) and [Green America](#). In 2009, the San Francisco Green Festival® boasted 3 days filled with the best in green, and continues to expand in size and scope! With more than 150 renowned speakers and 400 green businesses, this event was an amazing success. Festival held November 6-7 at the San Francisco Concourse Exhibition Centre, 635 8th Street (at Brannan St) San Francisco, CA 94103.

For more information visit the web site: [Green America/Global Exchange](#)

**The Green California Schools Summit and Expo:** About one-quarter of America's population spends a good part of each day inside a school building. The Green California Schools Summit and Expo will examine what can be done to ensure these structures are healthy, efficient and sustainable. With the theme, "Green Schools - More Important than Ever," the Summit will bring together leaders from all sectors of the green schools movement. They will lead and participate in a full range of educational workshops and sessions, networking opportunities and special events. They will share strategies, best practices and results from their green schools. Summit held December 8-10, at the Pasadena Convention Center, Pasadena. For more information visit the web site below:

Web site: <http://www.green-technology.org/gcschools/>

The California Environmental Education Interagency Network (CEEIN) information has moved and can be found on the California Department of Education's Web Site at <http://www.cde.ca.gov/pd/ca/sc/oeceeein.asp>. For [Events](#)

### GREEN BIZ.COM BUSINESS FOR GREEN ENVIRONMENT

**GOVgreen Conference & Exposition:** The federal government is at a crossroads," says Robert Harar, CEO of the Center for Environmental Innovation and Leadership (CEIL). "Agencies are mandated to meet aggressive new environmental standards and managers have a critical need for information about green products and services. Our mission is to facilitate that information exchange, both through our CEIL knowledge center and at the GOVGREEN Conference." Keynote speaker will be Robert F. Kennedy, Jr., Environmental

Advocate. Conference held November 9-10 (All day) at the Walter E. Washington Convention Center, 801 Mount Vernon Place Northwest, Washington, DC, 20001-3614.

For more information visit the Website: [GOVgreen Conference and Exposition](#).

## THE NORTHWEST ENVIRONMENTAL TRAINING CENTER

**Fundamental Contaminant Chemistry:** This course provides an overview/refresher of key chemistry concepts associated with environmental contamination and provides a foundation for understanding contaminant transport, fate, and remediation. The course is recommended for all environmental professionals working with contaminated soil and water with minimal formal training in the subject. It is also recommended for project managers seeking a review of contaminant chemistry and includes a review of chemical naming rules and how to use chemical names to predict molecular geometry and environmental behavior. Course held December 6. For more information visit the web site below.

Web site: [Fundamental Contaminant Chemistry](#)

**Contaminant Vapor Migration and Intrusion:** This course provides an overview of the vapor intrusion exposure pathway including its scientific foundation, regulatory framework, and the technical aspects of investigating and remediating contaminated vapor sites. The class will cover topics such as: screening sites for potential vapor intrusion concerns, conducting field investigations, sampling techniques, data analyses, exposure point calculations, the Johnson and Ettinger predictive model, vapor intrusion risk assessment, vapor intrusion mitigation, and remediation. Participants will work through practical problems and typical site scenarios based on case studies of established vapor intrusion sites. The course provides a comprehensive introduction for those new to the field, and will also provide insights, data analysis techniques, and the latest research for more advanced participants. Course held November 30 and December 1 in Austin, TX. For more information visit the web site below.

Web Site: [Contaminant Vapor Migration and Intrusion](#)

For more information on courses visit the web site: [Course Catalog](#)

## MIDWEST GEOSCIENCES GROUP

**Part 1: Arsenic Geochemistry: Demystifying the Complexities:** This 90-minute is a scientific introduction to arsenic occurrence and mobility in ground water. Despite recent research on this subject, our understanding of the toxicity and mobility of Arsenic in groundwater is not well understood. Webinar introduces the geochemical conditions that affect arsenic occurrence and mobility in most groundwater systems. Part I held November 10.

Register

**Part 2: Advances in Arsenic Site Investigations: Methods, Data Collection and Interpretation:** Our understanding about Arsenic - despite the recent large amount of research on this subject- is still in its infancy. The webinar introduces the geochemical conditions that affect arsenic occurrence and mobility in most groundwater systems. It



summarizes some important points for consultants and regulators and it will demystify some topics that we currently hold as “conventional wisdom”. Part 2 held November 17.

Register

For complete schedule of upcoming courses visit the web site below:

Web site: <http://www.midwestgeo.com/index.php>

## CALIFORNIA COMMUNITY COLLEGES

**8 Hour Hazwoper Refresher:** Required for those who have completed a 40 or 24-Hour OSHA training and want to remain certified. This seminar will include lectures, table top exercises, and hands-on activities. Course held November 6 and December 17. A certificate will be issued upon completion of the class. 8 A.M. to 4:30 P.M. Fee is \$75.00 for book and certificate.

**40 Hour Hazwoper:** A 40-hour course providing federal and state certification for those who work with hazardous waste in any phase from management, operations, emergency response team or trainers, and site clean up. This course satisfies the requirements for generalized employee training under the OSHA 1910.120 and State of California regulation 5192 Title 8. Course held November 1-5 (*Must Attend All Five Dates*) also held December 3-4 & 10-11 (*Must Attend All Four Dates*). Cost for book and certificate \$25.00. 7:30 A.M to 4 P.M.

Both courses held at Cuyamaca College at 900 Rancho San Diego Parkway, El Cajon, CA 92019 Room F-724. Instructor: [Jennifer.Lewis@gcccd.edu](mailto:Jennifer.Lewis@gcccd.edu)

**Underground Storage Tank Designated Operator Exam Preparation:** Is designed to aid individuals with their preparation for the "California UST Operator Exam" administered by the ICC. The training materials include training manuals with all required reference materials, color flow charts to help you navigate through the laws and regulations, and practice exams. Class held December 3 at 3000 Mission College Blvd, Santa Clara, CA, Room E3-401. Fee \$185.00. Contact: Michael Hall at (408) 855-5584 or e-mail at [mike.hall@wvm.edu](mailto:mike.hall@wvm.edu)

[Link to more information about Underground Storage Tank Designated Operator Exam Preparation](#)

To register click on link [www.gcccd.edu/ce/](http://www.gcccd.edu/ce/) then, click WebAdvisor under News & Updates.

For more information on scheduled classes visit the web site: [www.envtraining.org/calendar](http://www.envtraining.org/calendar)

**UC DAVIS EXTENSION:** UC Davis Extension offers Environmental Health and Safety and also Environmental Management courses, such as: Health and Safety Training for Hazardous Waste Workers; Clandestine Drug Lab Cleanup – a HAZWOPER Supplement; Toxic and Environmental Laws and Regulations; Environmental Management Systems – An Overview; Hazardous Materials Transportation; Environmental Planning and Site Analysis; and Dynamics of Risk Communication.

**Loca-Volts: The Emerging Renewable Energy:** Explore why a smart grid is important and how the energy systems of the future will mimic the Internet in terms of networking and power

exchanges. Take a historical look at electricity production and consumption, analyzing how and why our current electricity delivery system evolved to today's centralized power plant and long-distance transmission model. With an emphasis on California, this course will provide an overview of the State's innovations in hydro, oil, nuclear and renewable energy sources. Course held December 2, at Sutter Square Galleria, 2901 K Street, Sacramento. Fee \$250.00

[Enroll Now](#)

**A Low Impact Design Approach to Stormwater Management:** Examine street and on-site design improvements utilizing landscaping, trees, bio-sales, rainwater gardens, permeable paving and water harvesting techniques to manage runoff and filter pollutants. Discuss constraints and limitations and how these techniques can be incorporated into larger storm water management strategies. Take a short tour of neighborhoods in the area designed with innovative storm water management techniques. Put research to practice with a hands-on design exercise. Course held December 8, at the Da Vinci Building, 1632 Da Vinci Ct, Davis, CA. 9 A.M. to 4:30 P. M. Fee \$290.00

[Enroll Now](#)

For inquiries email: [extension@ucde.ucdavis.edu](mailto:extension@ucde.ucdavis.edu)

For information on upcoming classes visit the web site: [UC Davis Extension Areas of Study](#)

**Fall 2010 offerings at our Cupertino and Silicon Valley campuses:** UCSC Extension offers courses and full certificate programs to meet the needs of new and experienced EH&S professionals. Contact: E-mail [program@ucsc-extension.edu](mailto:program@ucsc-extension.edu) or call (408) 861-3860.

For Fall 2010 courses visit the web site at: [www.ucsc-extension.edu/ehs](http://www.ucsc-extension.edu/ehs)

[How to Enroll](#)

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NEED TO VERIFY THE STATUS OF A LICENSED GEOLOGIST OR GEOPHYSICISTS?

Please click the link below to search the Board for Professional Engineers and Land Surveyor's directory of licensees.

[Click here to look up Professional Engineers and Professional Land Surveyors](#)

[Click here to look up Professional Geologists and Geophysicists](#)

Web site: <http://www.pels.ca.gov/>

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